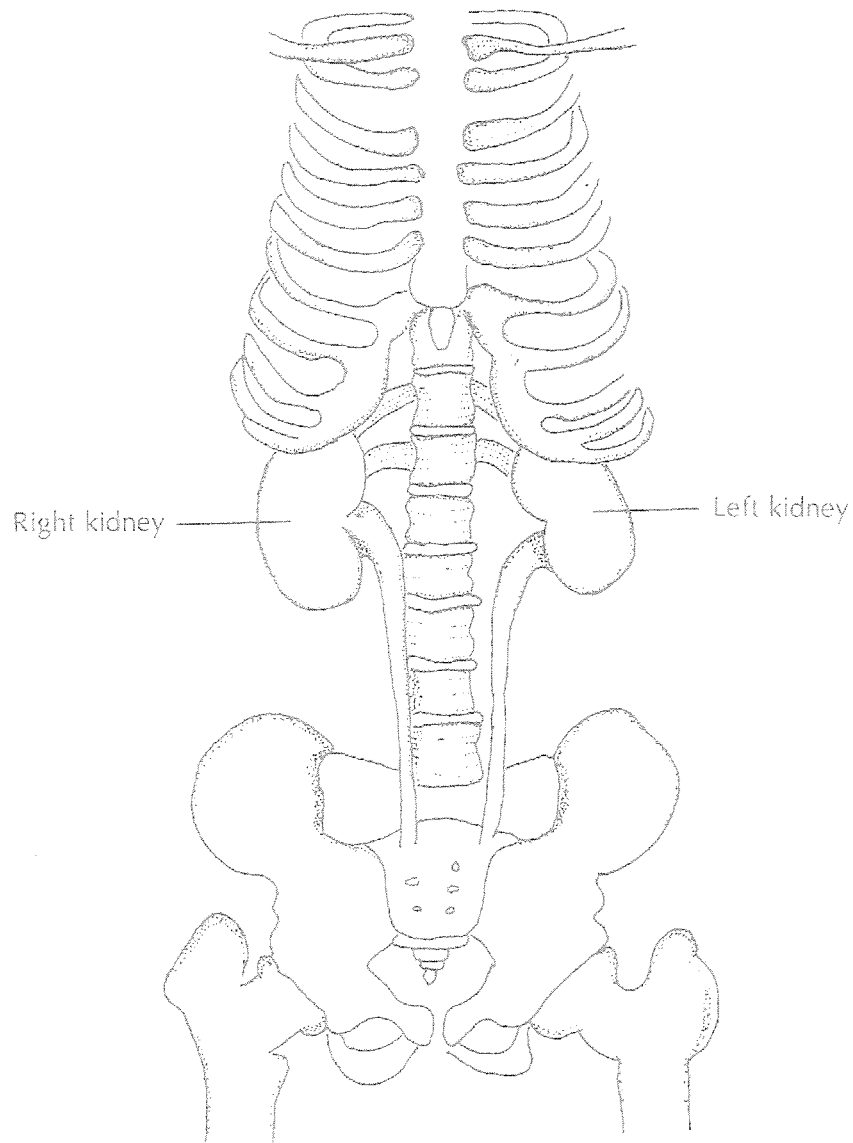


10-1. EXCRETION

Instructions: (1.) Read the text. (2.) Use the text and the diagram to help you to answer the questions.



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During excretion, wastes are removed from the body. The skin, the lungs, and the kidneys all contribute to this process. The lungs remove carbon dioxide, a waste that is produced during cellular oxidation; the kidneys, and to a certain extent the skin, remove wastes that are produced during cellular metabolism. Metabolic wastes such as urea and ammonia are toxic (poisonous).

The primary organs of excretion are the kidneys. These paired organs are located toward the back of the abdomen just below the liver; the diagram shows the location of the kidneys. Because of the way the liver (not shown in the diagram) is situated, one kidney is slightly lower than the other.

Level One Questions:

1. During excretion, wastes are _____ from the body.

2. List three organs that help the body to remove wastes.

3. The _____, and to a certain extent the _____, remove wastes that are produced during cellular _____.

4. Name two poisonous metabolic wastes.

5. What are the primary organs of excretion?

6. Why is one kidney slightly lower than the other?

7. Use the diagram to determine which kidney is slightly lower. Is it the left kidney or the right kidney?
